

10/089,946

10-18-06 Page 9, delete paragraph on lines 14-³⁶~~37~~, paragraph beginning "The system according to" in its entirety.

Page 9, before line 14 insert the following paragraph:

--A system according to the invention for changing a data transfer rate used in a part of a communication connection, at least one part of said communication connection being a radio path, the system comprising:

- means for determining data transfer rates being used in parts of the communications connection, the data transfer rates being used in said parts constituting a first set of data transfer rates,
- means for determining data transfer rates to be used next in said parts of the communications connection, the data transfer rates to be used next in said parts constituting a second set of data transfer rates,
- processing means capable of performing information processing according to such a processing method that belongs to a pre-determined set of processing methods,
- restoration means capable of performing information restoration according to such a restoration method that belongs to a pre-determined set of restoration methods,
- first selection means for selecting a first processing method from the pre-determined set of processing methods in accordance with properties of an air interface associated with the radio path and for selecting a first restoration method that corresponds with the first processing method,
- conveying means capable of conveying information about such a processing method that belongs to the pre-determined set of processing methods and information about such a restoration method that belongs to the pre-determined set of restoration methods to communications equipment on a route of the communications connection,

wherein the system further comprises:

- means for defining a set of compatible processing methods, each compatible processing method belonging to said pre-determined set of processing methods, having an output information rate that is lower than or equal to the lowest data transfer rate of said first set of data transfer rates and said second set of data transfer rates, and corresponding with a restoration method that belongs to said pre-determined set of restoration methods,